



# Canon *PowerShot A710 IS* DIGITAL CAMERA



The Components Guide	
Preparation	
Shooting	
Playback/Erasing	
Menus and Settings	
Printing	
Downloading Images to a Computer	

# Camera User Guide

# **Please Read This First**

Basic

This guide explains how to prepare the camera and use its basic features.

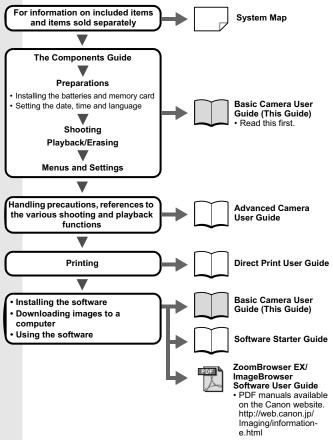


# Canon

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# **Flowchart and Reference Guides**

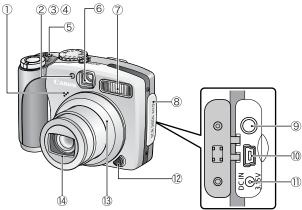
The following guides are available. Refer to them as necessary according to the flowchart below.



In this guide, the Basic Camera User Guide is called the Basic Guide, and the Advanced Camera User Guide is called the Advanced Guide.

## **The Components Guide**

#### Front View



- ① Microphone (Advanced Guide p. 79)
- 2 AF-assist Beam (Advanced Guide p. 20)
- ③ Red-Eye Reduction Lamp (p. 12)
- (4) Self-Timer Lamp (p. 16)
- Speaker
- 6 Viewfinder Window (Advanced Guide p. 16)
- 7 Flash (p. 12)
- 8 Terminal Cover
- 10 DIGITAL Terminal (p. 27)
- 10 DC IN Terminal (Power input) (Advanced Guide p. 109)
- 2 Ring Release Button (Advanced Guide p. 112)
- 13 Ring (Advanced Guide p. 112)
- 14 Lens

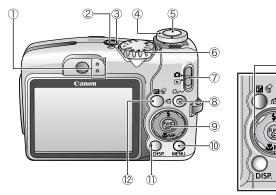
# Back View

- ① LCD Monitor (Advanced Guide p. 12)
- (2) Viewfinder (Advanced Guide p. 16)
- ③Wrist Strap Mount
- ④ Memory Card Slot / Battery Cover Lock (p. 5)
- (5) Memory Card Slot / Battery Cover (p. 5)
- Tripod Socket



The LCD monitor is covered with a thin plastic film for protection against scratches during shipment. Remove it before using the camera.

#### Controls



- 1 Indicators (p. 4)
- 2 Power Lamp
- 3 Power Button (p. 8)
- ④ Zoom Lever (p. 12, Advanced Guide p. 70) Shooting: IIII (Wide Angle)/ III (Telephoto) Playback: IIII (Index)/ Q (Magnify)
- Shutter Button (p. 8)
- 6 Shooting Mode Dial (pp. 8, 9)
- ⑦ Mode Switch (pp. 8, 18)
- ⑧ 止☆ (Print/Share) Button (pp. 22, 30)
- Image: FUNC./SET (Function/Set) Button (Advanced Guide p. 18)
- 19 MENU Button (Advanced Guide p. 19)
- 12) DISP. (Display) Button (Advanced Guide p. 12)
- 12 (Exposure)/ ☆ (Single Image Erase) Button (p. 19, Advanced Guide p. 51)
- ④ ↓ (Flash)/ (Jump)/ ▲ Button (p. 12, Advanced Guide p. 72)
- Button
- 16 🕊 (Macro)/ MF (Manual Focus)/ ★ Button
  - (p. 15, Advanced Guide p. 47)

-(13)

-(14)

-15)

(16)

MEN

# Indicators

The camera indicators will light or blink under the following conditions.



Never do the following while the indicator blinks green.

- These actions may corrupt image data.
- · Shake or jolt the camera
- Shut off the power, or open the memory card slot/battery cover

Upper Indicator	
Green:	Ready to shoot
Blinking Green:	Image recording/reading/erasing/transferring (when connected to a computer)
Orange:	Ready to shoot (flash on)
Blinking Orange	Ready to shoot (camera shake warning), charging flash

Lower Indicator

Yellow:	Macro mode/Manual focus mode/AF lock mode
Blinking Yellow:	Focusing difficulty (camera beeps once)

# Preparations

#### 1. Installing the batteries.

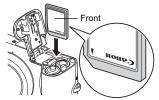
- 1. Slide the memory card slot/battery cover lock in the direction of the arrow and open the cover.
- 2. Insert the 2 supplied AA-size alkaline batteries, or separately sold AA-size NiMH batteries.



See the Advanced Guide: Battery Handling (p. 103).

#### 2. Inserting the Memory Card.

1. Insert the memory card until it clicks into place.



2. Close the memory card slot/battery cover.



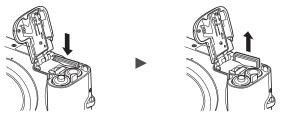
Ensure that the memory card is correctly oriented before inserting it in the camera. It may damage the camera, or the camera may not recognize the card, if it is inserted incorrectly.



See the Advanced Guide: Handling the Memory Card (p. 105). See the Advanced Guide: Formatting Memory Cards (p. 26).

#### ■ To Remove the Memory Card

Push the memory card with your finger until the memory card clicks and then release it.



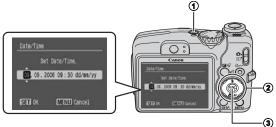
You can use SD memory cards, SDHC memory cards and MultiMediaCards with this camera.

These cards are collectively called memory cards in this guide.



## **First Time Settings**

#### Setting the Date/Time



- 1. Press the power button (①).
- 3. Confirm that the correct time is displayed and press the FUNC./SET button (③).

The date and time can also be set in the Set up menu (p. 21).



The date/time setting screen will appear when the camera power is turned on for the first time, or when the capacity of the lithium date/time battery is depleted.

See the Advanced Guide: Replacing the Date Battery (p. 116).

#### Setting the Display Language

- 1. Set the mode switch to **>** (playback).
- 2. Hold down the FUNC./SET button and press the MENU button.
- 3. Use the ♠, ♦, ♦ or ♦ button to select a language and press the FUNC./SET button.

The display language can also be set in the Set up menu (p. 21).

# Shooting

#### **1.** Press the power button.

The start-up sound will play and the startup image will display in the LCD monitor.

- Pressing the power button again turns the power off.
- Pressing the power button while pressing and holding the DISP. button will turn on the mute setting which will mute all sounds except for warning sounds.



See the Advanced Guide: Using the LCD Monitor (p. 12).
 See the Advanced Guide: Power Saving Function (p. 17).

→ See the Advanced Guide: Set up Menu (p. 22).

See the Advanced Guide: My Camera Menu (p. 24).

- 2. Set the mode switch to (shooting) (①).
- **3.** Set the shooting mode dial to (1)((2)).



#### 5. Focus and shoot.

1. Press the shutter button halfway to focus.

When the camera focuses, the camera beeps twice and the indicator lights green (orange when using the flash). Also, the AF frame appears in green on the LCD monitor at the point where the camera is focused.





#### 2. Press the shutter button fully to shoot.

The shutter sound will play and the image will record. The indicator will blink green while the image is recorded to the memory card.



→ See Indicators (p. 4).

See the Advanced Guide: Selecting an AF Frame (p. 44).

See the Advanced Guide: Setting the Image Stabilizer Function (p. 28).

See the Advanced Guide for the various shooting methods available.

## Reviewing an Image Right After Shooting

After a shot is taken, the image appears in the LCD monitor for approximately 2 seconds.

You can continue to display images regardless of the review duration setting with the following procedures.

- Keeping the shutter button pressed after a shot.
- Pressing the FUNC./SET or DISP, button while the image is displayed in the LCD monitor.

To stop displaying the image, press the shutter button halfway.

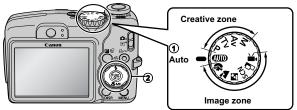


→ See Erasing (p. 19).

# Selecting a Shooting Mode

1. Set the shooting mode dial to the desired mode (1).

In the SCN and The modes, use the for the button (2) to select a shooting mode.

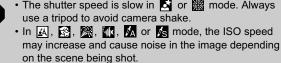


Shooting

#### Shooting Modes



	Color       Accent         Use this option to have only the color specified in the LCD monitor remain and to transform all others to black and white.       Image: Color Swap Use this option to transform a color specified in the LCD monitor remain and to transform all others to black and white.         Image: See the Advanced Guide (p. 57).       Image: See the Advanced Guide (p. 59).	
lmage zone	L Stitch Assist Allows you to shoot overlapping images that can later be merged (stitched) to create one panoramic image on a computer. See the Advanced Guide (p. 39).	
	Movie Shoots a movie when you press the shutter button. Apart from [ Standard] mode, you can also select from [ Fast Frame Rate] which is suitable for shooting sports or fast motion, [ Compact] which is convenient for email attachments, [ Color Accent] which has only the color specified in the LCD monitor remain and transforms all others to black and white, and [ Color Swap] which transforms a color specified in the LCD monitor into another color.	
	→ See the Advanced Guide (p. 35).	
Creative zone	<b>P</b> , $\mathbf{Tv}$ , $\mathbf{Av}$ , $\mathbf{M}$ You can freely select camera settings such as the exposure and aperture value to suit your shooting purposes.	
	See the Advanced Guide (pp. 40 – 43).	
	• The shutter speed is slow in 🛐 or 🧱 mode. Always	



• In radius mode, shoot with the subject more than 1 m (3.3 ft.) away from the front of the lens.



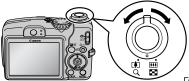
- To shoot underwater, install the camera in Waterproof Case WP-DC6 (sold separately).
- We recommend you use Waterproof Case WP-DC6 for shooting at ski resorts or beaches.

Shooting

# **Using the Zoom**

#### 1. Press the zoom lever toward [] or III.

The zoom can be adjusted from 35 mm - 210 mm (focal length) in 35 mm film equivalent terms. The zoom bar appears when you press the zoom lever.



Telephoto: Zooms in on the subject.
 Wide Angle: Zooms out from the subject.

# **Using the Flash**

#### 1. Press the **\$** button to cycle through flash settings.



Each time you press the **\$** button, the flash settings will change.

With the red-eye reduction function on:  $2^{4} \odot \rightarrow 4^{2} \odot \rightarrow 3^{2} \odot \rightarrow 3^{2}$ 

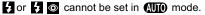
With the red-eye reduction function off:  $4 \rightarrow 4 \rightarrow 3$ 

<b>\$</b> ^ ©	Auto with red-eye reduction	The flash fires automatically and fires the red- eye reduction lamp each time.
<b>\$</b> ^	Auto	The flash fires automatically.
4 💿	Flash on with red- eye reduction	The red-eye reduction lamp and flash always fire.
4	Flash on	The flash always fires.
3	Flash off	The flash will not fire.

Red-eye reduction: This feature reduces the effect of light reflecting back from the eyes and making them appear red.

→ See Setting the Red-Eye Reduction Function (p. 14).

→ See Setting the Slow Synchro Function (p. 14).



See the Advanced Guide: Functions Available in Each Shooting Mode (p. 136).
 See Selecting a Shooting Mode (p. 9).



You are recommended to shoot with the camera attached to a tripod or other device if the camera shake warning icon () appears.

When the LCD monitor is on and flash recharging begins, the indicator blinks orange and the LCD monitor turns off. When recharging ends, the indicator turns off and the LCD monitor turns on. The time required for flash recharging will change depending on usage conditions and remaining battery power.

#### Setting the Red-Eye Reduction Function

You can set whether the camera automatically performs red-eye reduction when the flash fires.

1. 🗖 (Rec.) Menu ▶ [Red-Eye] ▶ [On]\*/[Off].

→ See Menus and Settings (p. 20).

\* Default setting.



0 11 2a

Digital Zoom

Flash Sync

Slow Synchro

Red-Eye

ALAF

Standard

On Off

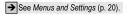
On DH1

1st-curtain

AF Frame

#### Setting the Slow Synchro Function

The flash timing is adjusted to slow shutter speeds. This reduces the chance that only the background will appear dark when a person is shot against a twilight background or night scene, or when an interior shot is taken.



\* Default setting.

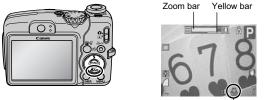
Slow Synchro cannot be set in (AUTO) mode.



When [Slow Synchro] is set to [On], camera shake may become a factor. Use of a tripod is recommended.

# Shooting Close-ups (Macro)

#### 1. Press the 🖏 button.



Macro mode icon

When using the zoom in macro mode, a yellow bar appears below the zoom bar to indicate the range in which you cannot use macro mode to shoot the subject.

If the zoom bar enters the yellow bar range, the macro mode icon **v** will turn gray. You can still shoot the image, however, the shot will be taken as if in standard shooting mode. The zoom bar disappears after approx. 2 sec.

To cancel the macro mode, press the  $\checkmark$  button to turn off the  $\checkmark$  or  $\frown$  display.

		Use this mode to shoot close-ups of flowers or small items.
9	Macro	Image Area at Minimum Shooting Distance from End of Lens to Subject • Maximum wide angle setting: 24 x 18 mm (0.94 x 0.71 in.) Minimum shooting distance: 1 cm (0.39 in.)

- Use the LCD monitor to compose close-ups in macro mode since images composed with the viewfinder may be off-center.
  - Check the range of the flash when using it in macro mode (*Advanced Guide* p. 120).

This setting cannot be set in some shooting modes.

See the Advanced Guide: Functions Available in Each Shooting Mode (p. 136).

→ See Selecting a Shooting Mode (p. 9).

# Using the Self-Timer

#### 1. FUNC. Menu 🕨 🔳 \* (Drive Mode) 🍉 🕅 / 🔯 / 🔯 .

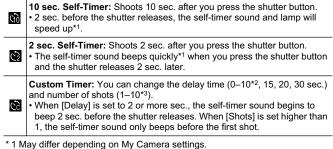
→ See Menus and Settings (p. 20).

- \* Default setting.
- When the shutter button is pressed fully, the self-timer lamp will blink. When using red-eye reduction, the self-timer lamp



will blink and then stay lit for the last 2 seconds.

To cancel the self-timer, follow step 1 and select **I**.



- \* 2 Default setting.
- \* 3 Default setting is 3 shots.

This setting cannot be set in some shooting modes.

See the Advanced Guide: Functions Available in Each Shooting Mode (p. 136).
 See Selecting a Shooting Mode (p. 9).

#### Changing the Delay Time and Number of Shots ()

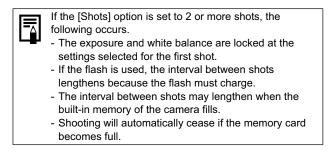
1. FUNC. Menu **I** (Drive Mode) **I** (Custom Timer).

→ See Menus and Settings (p. 20).



- 2. Press the MENU button.





# Playback

#### 1. Set the mode switch to **>** (playback)(①).

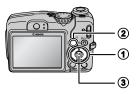
The last image that was played back appears (Resume Playback). If additional images were shot after viewing images in playback mode, the last image that was shot will appear instead. If the memory card has been switched, or the images on the memory card have been edited with a computer, the newest image on the memory card appears.



# Use the ← or → button to display the image you wish to view (②).

Holding the button down advances the images more rapidly, but shows them less clearly.

See the Advanced Guide for the various playback methods available.



2. Confirm that [Erase] is selected and press the FUNC./SET button (③). To exit instead of erasing, select [Cancel].



Please note that erased images cannot be recovered. Exercise adequate caution before erasing an image.

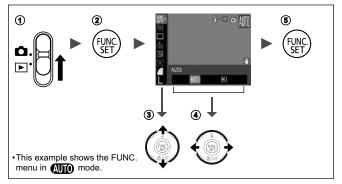
→ See the Advanced Guide: Erasing All Images (p. 82).

# **Menus and Settings**

Settings for the shooting, playback or print modes or such camera settings as the date/time and sounds are set using the FUNC., Rec., Play, Print, Set up or My Camera menu.

# FUNC. Menu

This menu sets many of the common shooting functions.



#### Set the mode switch to (shooting).

#### Press the FUNC./SET button.

#### ③Use the ★ or ★ button to select a menu item.

· Some items may not be selectable in some shooting modes.

#### 

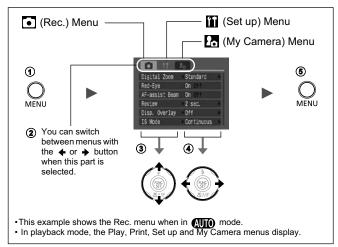
- You can select further options with the MENU button for some options.
- After selecting an option, you can press the shutter button to shoot immediately. After shooting, this menu will appear again, allowing you to adjust the settings easily.

#### **⑤**Press the FUNC./SET button.

See the Advanced Guide: Menu List (p. 20).

# Rec., Play, Print, Set up and My Camera Menus

Convenient settings for shooting, playback or printing can be set with these menus.



#### **①**Press the MENU button.

#### 

• You can also use the zoom lever to switch between menus.

#### ③Use the ★ or ★ button to select a menu item.

· Some items may not be selectable in some shooting modes.

#### **(4)** Use the $\leftarrow$ or $\rightarrow$ button to select an option.

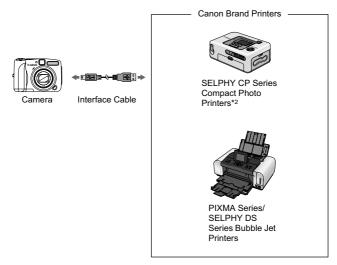
- Menu items followed by an ellipsis (...) can only be set after pressing the **FUNC./SET** button to display the next menu. Press the **FUNC./SET** button again to confirm the setting.
- SPress the MENU button.

See the Advanced Guide: Menu List (p. 20).

# Printing

Connect the camera to a direct print compatible printer<sup>\*1</sup> with a cable and simply press the  $\Delta \omega$  button on the camera.

# 1. Connect the camera to a direct print compatible printer and turn on the printer's power.



- \*1 Since this camera uses a standard protocol (PictBridge), you can use it with other PictBridge-compliant printers in addition to Canon-brand printers.
- $^{\star 2}$  You can also use card photo printers such as the CP-10/CP-100/CP-200/ CP-300.

# 2. Turn on the power in playback mode and confirm that ☐, ⑦ or ⑦ is displayed in the upper left of the LCD monitor (①).

- The  $\square \sim$  button will light blue.
- The displayed icon will vary according to the printer model.
- SED 🕱 will display for movies.

The  $\Delta M$  button will blink blue and printing will start.



- → See the Advanced Guide: Setting the DPOF Print Settings (p. 83).
- → See the Direct Print User Guide.
- → See the user guide for your printer.

# Downloading Images to a Computer

The following methods can be used to download images recorded by the camera to a computer. Some methods, depending on the OS used, may not be available. Please read *System Requirements* (p. 25) in advance.

#### ■ Camera to Computer Connection

Supplied Software		Install It		Do Not Install It
Downloading Method		Computer Procedure	Camera Procedure	Computer Procedure
OS	Windows 98 Second Edition (SE)	•	•	-
	Windows Me	•	•	-
	Windows 2000	•	•	-
	Windows XP	•	•	•
	Mac OS X	•	•	•
		+	+	
		• Basic Guide (p. 25) • Software Starter Guide		
		+	+	
Connecting the Camera to a Computer		• Basic Guide (p. 27)		• Windows® XP
_		+	+	and Mac OS X
		• Basic Guide (pp. 28, 29) • Software Starter Guide		Users leallet

#### ■ Using a Memory Card Reader

A memory card reader can be used with all the operating systems listed above. See the *Software Starter Guide* for details.

# System Requirements

Please install the software on a computer meeting the following minimum requirements.

#### ■ Windows

OS	Windows 98 Second Edition (SE) Windows Me Windows 2000 Service Pack 4 Windows XP (including Service Pack 1 and Service Pack 2)	
Computer Model	The above OS should be pre-installed on computers with built-in USB ports.	
CPU	Pentium 500 MHz or higher processor	
RAM	Windows 98 SE/Windows Me Windows 2000/Windows XP	
Interface	USB	
Free Hard Disk Space	Canon Utilities     ZoomBrowser EX     PhotoStitch     Canon Camera TWAIN Driver     Canon Camera WIA Driver	
Display	1,024 x 768 pixels/High Color (16 bit) or better	

#### Macintosh

OS	Mac OS X (v10.2 – v10.4)	
Computer Model	The above OS should be pre-installed on computers with built-in USB ports.	
CPU	PowerPC G3/G4/G5 or Intel processor*	
RAM	256 MB or more	
Interface	USB	
Free Hard Disk Space	<ul> <li>Canon Utilities</li> <li>ImageBrowser</li> <li>PhotoStitch</li> </ul>	200 MB or more 40 MB or more
Display	1,024 x 768 pixels/32,000 Colors or better	

\* EOS Utility (software for EOS DIGITAL series cameras) is only supported by PowerPC.

# **Preparing to Download Images**

# Ensure that you install the software first before connecting the camera to the computer.

#### Items to Prepare

- · Camera and computer
- · Canon Digital Camera Solution Disk supplied with the camera
- · Interface cable supplied with the camera

## 1. Install the software.

1. Place the Canon Digital Camera Solution Disk in the computer's CD-ROM drive.

Macintosh Double-click the [Canon Digital Camera Installer] icon 📡 in the CD-ROM window. When the installer panel appears, click [Install].



#### 2. Click [Easy Installation].

(Macintosh) Select [Easy Installation] and click [Next].

Proceed with the installation while reviewing installation settings.

3. When the installation is complete, Click either the [Finish] or [Restart] button that appears.

(Macintosh) When the installation is finished, click [Exit].



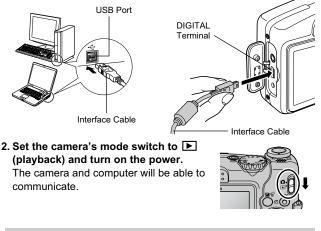


4. Remove the Canon Digital Camera Solution Disk from the CD-ROM drive when your normal desktop screen appears.

### **2.** Connecting the camera to a computer.

1. Use the supplied interface cable to connect the computer's USB port to the camera's DIGITAL terminal.

Slip your fingernail under the right edge of the camera's terminal cover, lift it open and plug the interface cable in all the way.



Always grasp the sides of the connector when disconnecting the interface cable from the camera's DIGITAL terminal.

#### Windows

If the Digital Signature Not Found window appears, click [Yes]. The USB driver will automatically finish installing onto the computer when you attach the camera and open a connection.

# Windows Downloading Images to a Computer

A window allowing you to set the preferences will appear when a connection is established between the camera and computer.

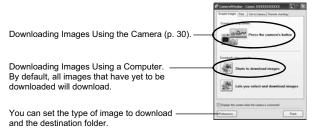
#### 1. Select [Canon CameraWindow] and click [OK] (first time only).

If the window to the right does not appear, click the [Start] menu and select [All Programs] or [Programs], followed by [Canon Utilities], [CameraWindow], [PowerShot - IXY - IXUS - DV 6] and [CameraWindow].

Cenon IXY DIGITAL XXXXXX	?×
Camera connected	
Select the program to issuech for that account	
Error Canesalerindow Sourisada Images Fran Canon Cane	$\supset$
Caron EOS Utility Doverloads images from EOS camera	
Microsoft Scanner and Camera Wizard Download pictures from a camera or or	amer
Always use this program for this action	
	Cancel

### 2. Download the images.

- Download the images using the camera or the computer.
- By default, the downloaded images are saved into the [My Pictures] folder.



Thumbnails (small versions) of the downloaded images will display in the ZoomBrowser EX Main Window. By default, the downloaded images are saved into subfolders according to their shooting dates.

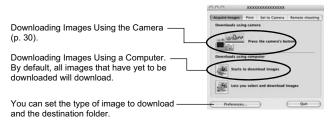


## Macintosh Downloading Images to a Computer

The following window will appear when you establish a connection between the camera and computer. If it fails to appear, click the [Canon CameraWindow] icon on the Dock (the bar which appears at the bottom of the desktop).

#### **1.** Download the images.

- Download the images using the camera or the computer.
- By default, the downloaded images are saved into the [Pictures] folder.



Thumbnails (small versions) of the downloaded images will display in the ImageBrowser Browser Window. By default, the downloaded images are saved into folders according to their shooting dates.



# Downloading Images Using the Camera (Direct Transfer)

Use this method to download images using camera operations. Install the supplied software and adjust the computer settings before using this method for the first time (p. 26).

	All Images	Transfers and saves all images to the computer.
۲	New Images	Transfers and saves to the computer only the images that have not been previously transferred.
<b>~</b> ••	DPOF Trans. Images	Transfers and saves to the computer only the images with DPOF Transfer settings ( <i>Advanced Guide</i> p. 86).
Þ	Select & Transfer	Transfers and saves single images to the computer as you view and select them.
	Wallpaper	Transfers and saves single images to the computer as you view and select them. The transferred images display on the computer desktop.

#### 1. Confirm that the Direct Transfer menu is displayed on the camera's LCD monitor.

- The  $\square \sim$  button will light blue.
- Press the **MENU** button if the Direct Transfer menu fails to appear.



Direct Transfer Menu

#### ■ All Images/New Images/DPOF Trans. Images

#### 



• To cancel the download, press the FUNC./SET button.

#### Select & Transfer/Wallpaper

- 2. Select or , and press the or button (or the FUNC./SET button).
- 3. Select images to download and press the 止☆ button (or the FUNC./SET button).
  - The images will download. The ⊡∽ button will blink blue while downloading is in progress.
  - Images can also be selected during index playback (*Advanced Guide* p. 71).
  - Press the **MENU** button to return to the Direct Transfer menu.



Only JPEG images can be downloaded as wallpaper for a computer. On the Windows platform, the files are automatically created as BMP images.

|--|

The option selected with the ⊡r button is retained even when the camera's power is turned off. The previous setting will be in effect the next time the Direct Transfer menu is displayed. The image selection screen will appear directly when the [Select & Transfer] or the [Wallpaper] option was last selected.

#### MEMO

# **Safety Precautions**

Be sure to read, understand and follow the safety precautions below when using the camera, in order to prevent injury, burns or electrical shock to yourself and others.

Be sure to also read the safety precautions listed in the Advanced Camera User Guide.

# 🛕 Warnings

- Do not trigger the flash in close proximity to human or animal eyes.
- Store this equipment out of the reach of children and infants.
- Avoid dropping or subjecting the camera to severe impacts. Do not touch the flash portion of the camera if it has been damaged.
- Stop operating the equipment immediately if it emits smoke or noxious fumes.
- Do not handle the power cord if your hands are wet.
- Do not use batteries which are not specified for this camera.
- The compact power adapter output terminals have been designed exclusively for this equipment. Do not use them for other products.